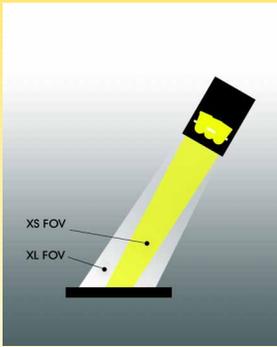




SL2420 Spotlight

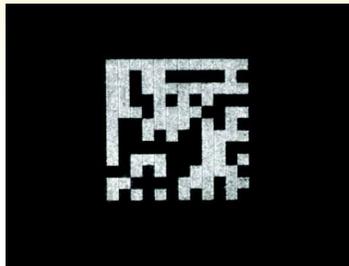
- Compact design - 38mm diameter housing.
- High intensity illumination for non-specular objects.
- Two identical SL2420 spotlights can be connected to a single output via a Y-cable, allowing 4 spotlights to run off of any dual output controller.



Light Function Diagram



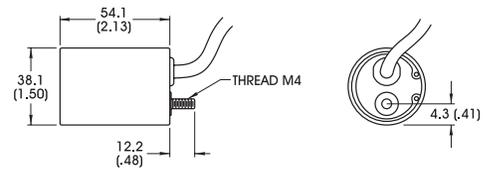
SL2420-470
(shown)



Acquired Solution Image

2D Code Solution

The object of this inspection was to highlight the etched code on a flat metal surface. Although darkfield was the required light type, a standard darkfield ringlight could not be used due to space restrictions. By placing two SL2420 spotlights on opposite sides of the code and aiming them at a 30° angle, the entire field of view is illuminated with no shadowing.



DIMENSIONS ARE IN MILLIMETERS (INCHES)

General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	194.1 g 6.8 oz

Standard Product Maximum Illumination

	Working Distance	Watts/cm ²	Lux
Constant Current	100 mm	2.6 mw	2,300
Strobed (100µs)	100 mm	52 mw	46,000

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	80	80	120	130	N/A	mA
@ 24v	75	75	40	40	60	80	75	mA

Part Number Designation

Standard Product **SHIPPED NEXT DAY**

Part Number: **SL2420-660100L** (Configured for use with Ai Power Supply)

Standard Product Variation **SHIPPED WITHIN TWO WEEKS**

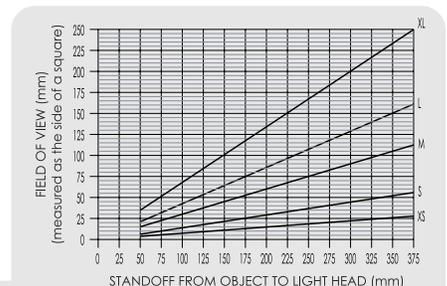
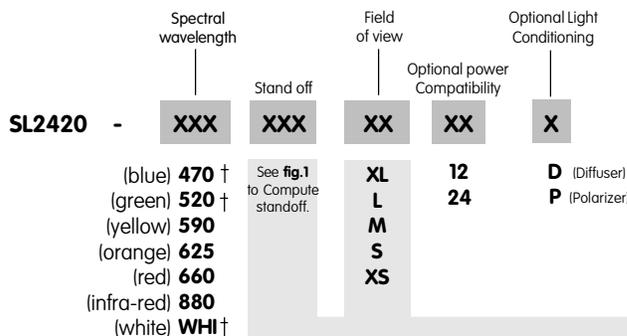


Figure 1
Identify desired FOV and standoff, then specify nearest illuminated area size

† Not available in 12v